Guide to user

Congratulating you to become the user of car acoustics. Based on the computer storage technology used on CD/MP3/USB/SD in the car, the products lead a top position(including the same type of original import famous brand products) in anti-shock and correction.

- Super anti-shock
- Super compatibility
- Super correction

About discs

1.This unit can play the following discs

type of disc	table on the disc	recorded material	size of disc	maximum playback time
MP3	mp3	sound and track indicator	12CM	more than 12 hours
Audio CD	COMPACT disc DIGITAL AUDIO	sound only	12CM	74 minutes

Specifications

FM

Frequency range ..... 87.5~107.9MHz
Usable sensitivity 20dB
I.F Frequency 10.7MHz

MW

Frequency Range 530-1710KHz
IF Range 450KHz
Usable Sensitivity(-20dB)..... 25dB

LINE-OUT

Output ..... 700mV@FM 75KHz
Impedance 600ohm

CD PLAYER

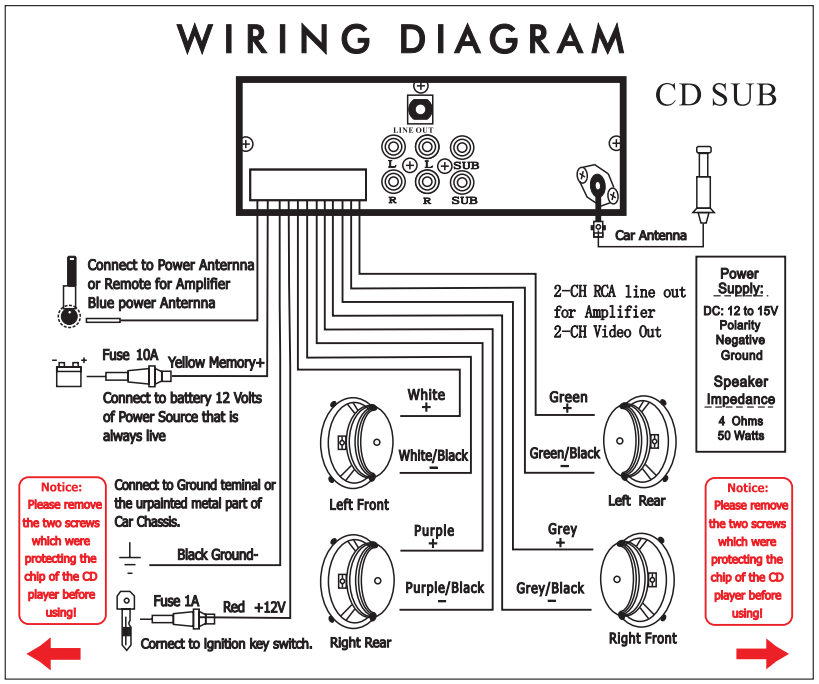
System ..... Compact disc audio system
Signal to noise raido 75dB
Frequency response ..... 10~20000Hz
Wow and flutter ..... Below measurable limit

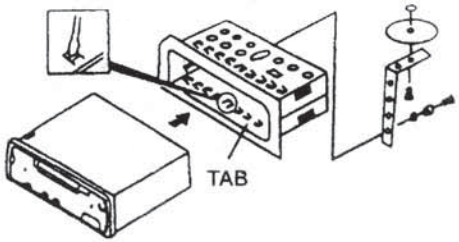
GENERAL

Power requirements ..... DC 12V /Rated: 14.4V (Negative ground)
Cureent consumption ..... 10A MAX
Speaker impedance 4-8Ω
Power Output ..... 50Watts × 4
Dimension(SET) ... 183(L) × 53(H) × 170(W)m
Weigne 1.71kg

Wiring Diangram

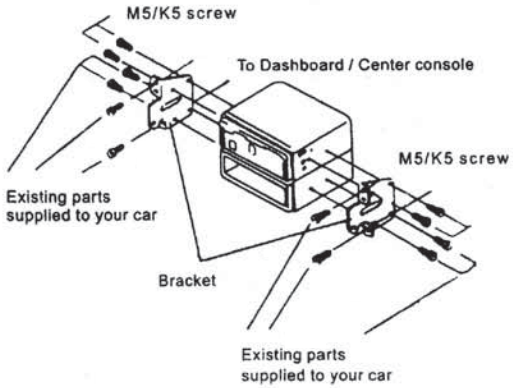
Note: Do not connect the ground wire of speaker with car base.





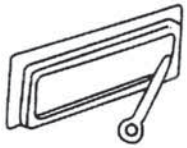
METHOD (2)

Note: In case you combine your unit with other components to a system in double-deck arrangement, install the unit so that the surface of its front panel protrudes about8mm from the other components.

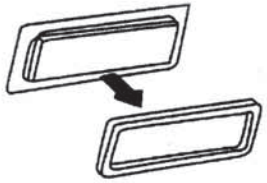


Dismounting the unit

1.Press the clip inside the panel with a key supphed with the unit, and gently pry the panel free.

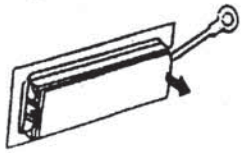


2.Repeat step 1 on the left side. The panel is removed.

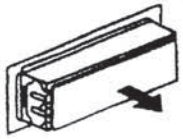


3.Use the key to push in the clip on the left side of the unit, then pull out the left side on the unit until the catch clears the mounting.

4.Repeat step 3 on the right side.



5.Slide the unit out of the mounting.



Notes on discs

A dirty or defective disc may cause sound dropouts while playing. To enjoy optimum sound, handle the disc as follows. Handle the disc by its edge. To keep the disc clean, do not touch the surface.

Do not stick paper or tape on the disc.

Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in a car parked in direct sunlight where there can be a considerable rise in temperature inside the car.

Before playing, clean the discs with an optional cleaning cloth. Wipe each disc from the centre out.

Do not use solvents such as benzine. thinner, commercially available cleaners, or antistatic spray intended for analog disc.

Notes on discs

If you use the discs explained below, the sticky residue can cause the disc to stop spinning and may cause malfunction or ruin your discs.

Do not use second-hand or rental discs that have a sticky residue on the surface(for example, from peeled-off stickers or from ink,or glue leaking from under the stickers)

There are paste residue.
Ink is sticky

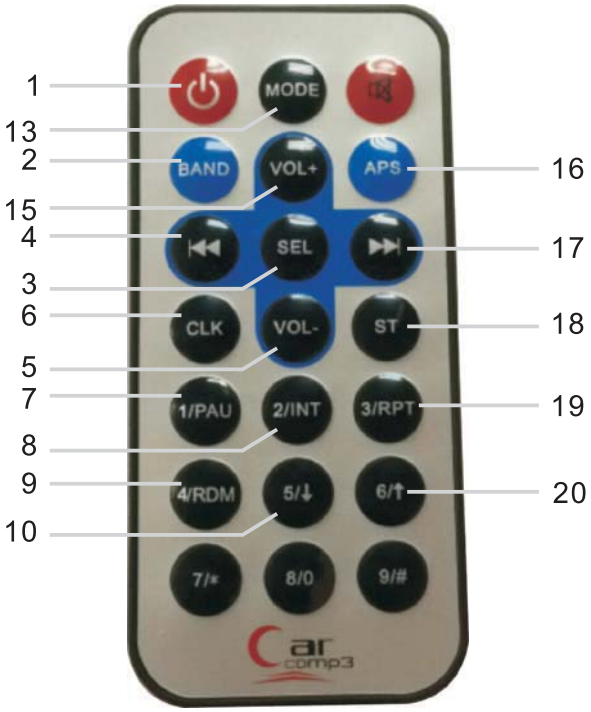
Do not use rental discs with old labels that are beginning to peel off.

Sticker that are beginning to peel away, leaving a sticky residue.

Do not use your discs with labels or stickers attached.

Labels are attached.

Remote Commander(RC)



1.Power on/ off button
2.BAND (Radio Mode/BAND button)
3.SEL Function button(volume/bass/treble/balance/fader) Electronic shock Protection setting
4.Manual(seek)down/disc track down(Fast backward) button
5.VOL- AUDIO lever(-)button[volulme(-)/bass(-)/treble(-) / balance(left)/fader(rear)]
6.CLK (CLOCK)
7.Digital button 1/PAU (Press a short time for number 1, press a long time for Pause)
8.Digital button 2/INT (Press a short time for number 2, press a long time for scan button)
9.Digital button 4/PDM(Press a short time for number 4, press a long time for Random button)
10.Digital button 5/↓ (Press a short time for number 5, press a long time for file tracks-)
11.SELECT LOUD
12.SELECT STATION AUTOMATICLY
13.MODE
14.MUTE button
15.VOL+AUDIOlever(+)button[volulme(+)/bass(-)/ treble(+)/balance(right)/fader(front)]
16.APS
17.Manual(seek)up/disc track up(Fast forward) button
18.ST ST/MONO
19.Digital button 3/RPT(Press a short time for number 3, press a long time for repeat button)
20.Digital button 6/↑ (Press a short time for number 6, press a long time for file tracks+)
21. Sel LO/DX

Electronic shock protection setting ON/OFF

You can setting time of electronic shock protection as follows, and can on/off electronic shock protection function.

1. During CD playing, press (SEL) button about two second can select 45 second or 10 second electronic shock protection, and display " ESP45 " or " ESP10 "
2. During /CD playing, press (CD/▶II) button about two second can select on/off Electronic shock protection, and display "ESP 45" or "ESP 10" or "ESP OFF"

Radio/Play control

1. During radio, if have a disc in unit, press (CD/▶II)button start playback; if havn't a disc in unit, when enter a disc in unit, the disc can auto enter the unit and start playing.
2. During play, pres (BAND) button to stop playing, and radio start play; if during play, press (OPEN) button disc out of unit and start radio playback, if press (OPEN) button again, so disc auto enter the unit in one time start playing.

Note: The disc out of, if don't take away the disc in 10 second, the disc will auto enter and don't start playing.

Audio courses output

The unit with audio courses output switch, so that you conect power amplifier pust high power speaker.

INSTALLATION

Before Installation

- Please choose the installation positon carefully so that this unit will not interrupt the normal driving, In case of installation difficulty. Please contact the local agency or contact the installation center of car CD player.
- Please use the atteched installation hardwares of this unit as they are standard accessories, and fasten this unit with nuts and borts so as to avoid accessoried loose in driving.
- Please place this unit on level position (within 20°), it should be far from electrical heating furnace, dust, durty objects or strong vibration position.
- To begin connecting wire, please connect the wires of load speaker first, then the wires of batteries, If the ground wire is not provided in the car, be sure to fix the black wire on the metal part of the car base. If the ground wire is connected wrongly or improgerly, this may lead to malfunciton of this unit or burning of it.

METHOD (1)

Note: A fter inserting the sleeve into the dashboard, select the appropriate tabs according to the thickness of the dashboard material and bend them outward to secure (Sleeve) in place.

The maximum dashbord thickness accommodated by the sleeve's tabs is 1 inch. Also, it is essential that the perforated metal strap which can be bent to any desired angle, be used to secure the rear of the unit.

For example:

During playing 5th track, press(▶▶|) button about one second. Playing the track from sixth track; Press button about two second, track jump to 15th track and flicker, press(CD\▶II)button again, "15" appears on the display to play 15th track.

Note:

1.Other operational step consult CD

2.When selecting tracks number more than 10, (10)button function as (0)button.

Other Functions

Adjusting the sound characteristics

You can adjust the bass、treble、balance and fader-you can store the bass and treble levels mdependently tor each source.

1.Select the item you want to adjust by pressing(SEL)button

Each time you press the button, the item changes as follows:

BAS(bass) → TRE(treble) → BAL(left-right) → FAD(front-rear)

2.After selected the item, adjust the selected item by pressing either side of (VOL+)or (VOL-)button.

Note: If selected item later, don't adjust five second, system will exit adjust mode.

Mute select

During playback,press(MUT)button about one second. " ⊠ " is displayed on screen immediately,sound be changes to mute;to restore the previous volume level press(MUT)button.

Loud select

Press(LOUD)button about two second, "LOUD" is displayed on screen immediately, sound be changes to loud; to restore the previous volume level, press(LOUD)button about two second again.

Setting the clock

The clock uses a 12-hours or 24-hour digital indication.

1.Press(CLK)button about one second will to be shown to clock time for 5 seconds, then the display returns normal play mode.

2.Press and hold the button about two second. enter adjust setting and start flash.

3.Press(CLK) button to set hours or minute then press the (↑) or (↓) button to adjust clock.

4.Clock starts operation by press(CLK) button again. Then will be shown to clock for 5 seconds, the display returns normal play mode.

Note:

1.The mode automatically returns to normal play mode after clock is set for 5 seconds, and time memory is locked.

2.In clock adjust state, press(CLK)button about two second can translate 12-hour or 24-hour display.

SD/USB

SD/USB PLAY MP3 WMA

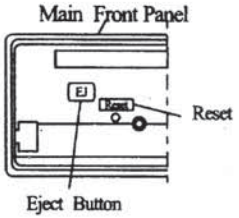
Operation Directions

Resetting the unit

1.Before operating the unit for the first time or after replacing the car battery, you must reset the unit.

2.Press the RESET button with a pointed object.

Note: Pressing the RESET button will erase the clock setting and some memorised functions.



Listen to Station Programs

Power on/off

Press(Power)button to turning on the unit.

Memorising the desired stations

You can Preset up to 18FM stations (6 each for FM1、FM2 and FM3)

1.Press(BAND)button repeatedly to select the band. Each time you Press the buttons, the band changes as follows:

FM1 → FM2 → FM3

2.Press either side of(|◀◀ ▶▶|)button to tune in the station that you want to store on number button(1)to(6).

3.Press(|◀◀ ▶▶|)button repeatedly until the desired number button (1)to(6),Press(1)to(6)number button about two second, the number button indication appears in the display.

Note: If you try to store another station on the same number button the Previously stored station will be erased.

Receiving the memorised stations

1.Press(BAND)button repeatedly to select the band.

2.Press the number button(1)to(6)on which the desired station is stored.

Note: If you cannot tune in a preset station, Press either side of(|◀◀ ▶▶|)button until the desired station is received.

FM Local/Dx

Press this button momentarily to change distant or local mode, in strong signal areas, Local mode.

FM STEREO/MONO control

Press this button to select "FM STEREO" "MONO" reception.A display reading of "ST" or indicates the " STEREO" mode is selected, however, it changes to " ST" whenever an actual stereo broadcast station is being received. If a stereo station is too weak for proper reception, or, interference, background noise/hiss is present, set to "MONO" ("ST" off on display) mode. Although signal will be heard in monaural, reception will be improved.

Automatic Memory Save

Press the APS button(about 2 seconds)until the frequency on the display screen start to be changed. Once the unit is operated, this system scans upwards to receivable stations, and the received stations will be automatically, and the search starts from low frequency saved in the presetting memory following order of their power.

Note:

• The automatic memory save program will clear the previous presetting programs in the present chosen band.

•When stations are memorized by automatic memory save program, this mode broadcasting can be started from the first band until the automatic memory save of all of the bands is finished in the present chosen FM

Chose Songs directly

1.Songs can be chosen dirctly for playing by pressing digital buttons 1~10+(about 1 second)while /CD is playing.

2.To choose the 10th or later songs for playing,please press the 10+ button,then press ten' s place and single's place of 1~10+ buttons.

Note:10+ button is 0 while playing.

Play/Pause

1.If a disc is already inserted, " /CD " appears on the screen. Start playing automatically.

2.When disc playing,press(CD\▶II)button about one second,pause playing.

3.Press this button again,return to normal play.

Automatic Music Sensor(AMS)

During /CD playing, if want to forward or backward to locating a track, repeatly press(▶▶|) or (|◀◀) button until to locating each track you want.

Fast forward/backward

1.During /CD playing,press(▶▶|) or(|◀◀)button about two second, for search track forward or backward. It includes four grades. Press the button once for one shift of speed.

play→5→10→20→30

2.Normal playing can be recovered by pressing (CD/▶II)button again.

Repeat play

During /CD playback, press(REPT) button, Repeat play starts and display "REPT" ; To return to normal play mode. Select "REPT-OFF"

View play

During /CD playing, press the(INTR) button about 1 second to play the first 10 second of each track in order. To cancel the function, press it again.

Random play

During /CD playing, press(RAND) button, Random play starts and display "RAND" ;To return to normal play mode, select "RAND-OFF"

Listening to a MP3

MP3 is recognized as the superior standard. Use best new international audio data compression technology. It can store more than 160 track and it can continuous play for more than 12 hours.

Track direct select to play

You can use the number button(1)to(10) which on the remote commander direct to select track which you want to play.

1.Press(1)to(10)button on the remote commander select the number which on the entries、ten or hundred position, the select track display and flicker on screen immediately.

2.Then,press(CD/▶II)button on the remote commander in ten second, start to playing, if don't press the button more than ten second, will cancel the selected track and return to the first track to play.

Automatic Music Sensor(AMS)

1.During playing, press(▶▶|)or(|◀◀) button about one second to locate preceding or succeeding a track.

2.If press those button about two second, select track forward or backward tenth tracks. The select track display and flicker on screen immediately, and press(CD/▶II)button in 10 second, start to play the track by selected; if don't press this button in 10 second, will comeback original track.

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by **NICHE AUDIO INC.** may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.